Deploying Instructions

This file contains the instructions for starting the Blockchain and deploying the smart contract on top of it

1)Use the genesis file named as “init.json” in zip folder.

2)Use command “geth --datadir ./datadir init ./init.json” to set the genesis block of you chain. This command will also create a new folder named datadir which stores chain data

3)Use command “geth --datadir ./datadir/ --networkid 2019 console” to start the network with network ID 2019

4) Create a new account with personal.newAccount(‘Kartik’). Keystore folder would be updated accordingly. And coinbase would be set to this account.

5) After updating truffle.js config file use the command “geth --datadir ./datadir --networkid 2019 --http –http.port 30303 --allow-insecure-unlock console” to start the geth network and enable rpc services

6)Unlock the account with time parameter passed as 0,i.e,personal.unlockAccount(‘address’,’accountname’,0). Start mining with miner.start().

7) Wait for DAG generation to finish for miner.start() call.

8) Make sure we have network defined in truffle config file. Connect using command “truffle migrate –-network geth”. This will migrate smart contract to the geth network.

9) After contract migrations are saved to the chain we can create an instance of the contract to check the functionalities.

10) Open truffle console with command” truffle console --network geth” and create an instance of contract.

11) Instance is created with command “ let var\_name = await contrat\_name.deployed()”

12) Test the functions in smart contract